



PLEASE VERIFY ALL FIELD MEASUREMENTS.

NOTE: Contractor shall field verify all dimensions elevation, quantity and conditions prior to final bid submission

#### DRAWING INDEX

- C-1 SITE PLAN, LAND SECTION & MAP
- A-1 ARCHITECTURAL
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- A-5 DOOR WINDOW SCHEDULE, NOTES & DETAILS
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- L-1 LIFE & SAFETY PLAN
- S-1 STRUCTURAL
- S-2 DETAILS

#### SITE DATA

1. AREA OF PLOT : Sq. Feet (Ac.)
2. AREA OF BUILDING : Sq. Feet
3. AREA OF OPEN SPACE : Sq. Feet

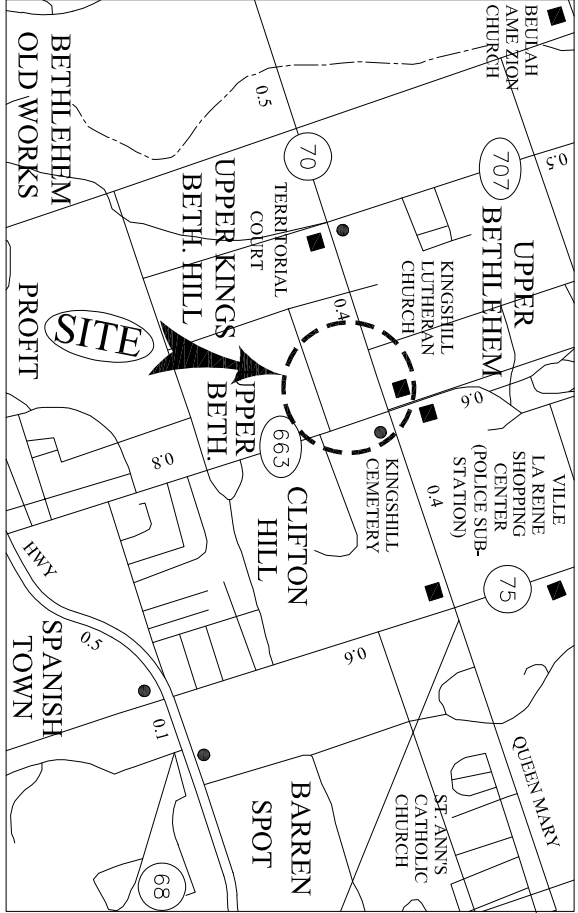
#### SITE LEGEND

- PROPERTY LINE
- ENVIRONMENTAL CONTROL MEASURES
- DIRECTION OF DRAINAGE FLOW
- LIMIT OF SITE DISTURBANCES
- CONTOUR LINE



#### 2 LOCATION MAP

NOT TO SCALE



#### 3 VICINITY MAP

NOT TO SCALE

#### REVISIONS

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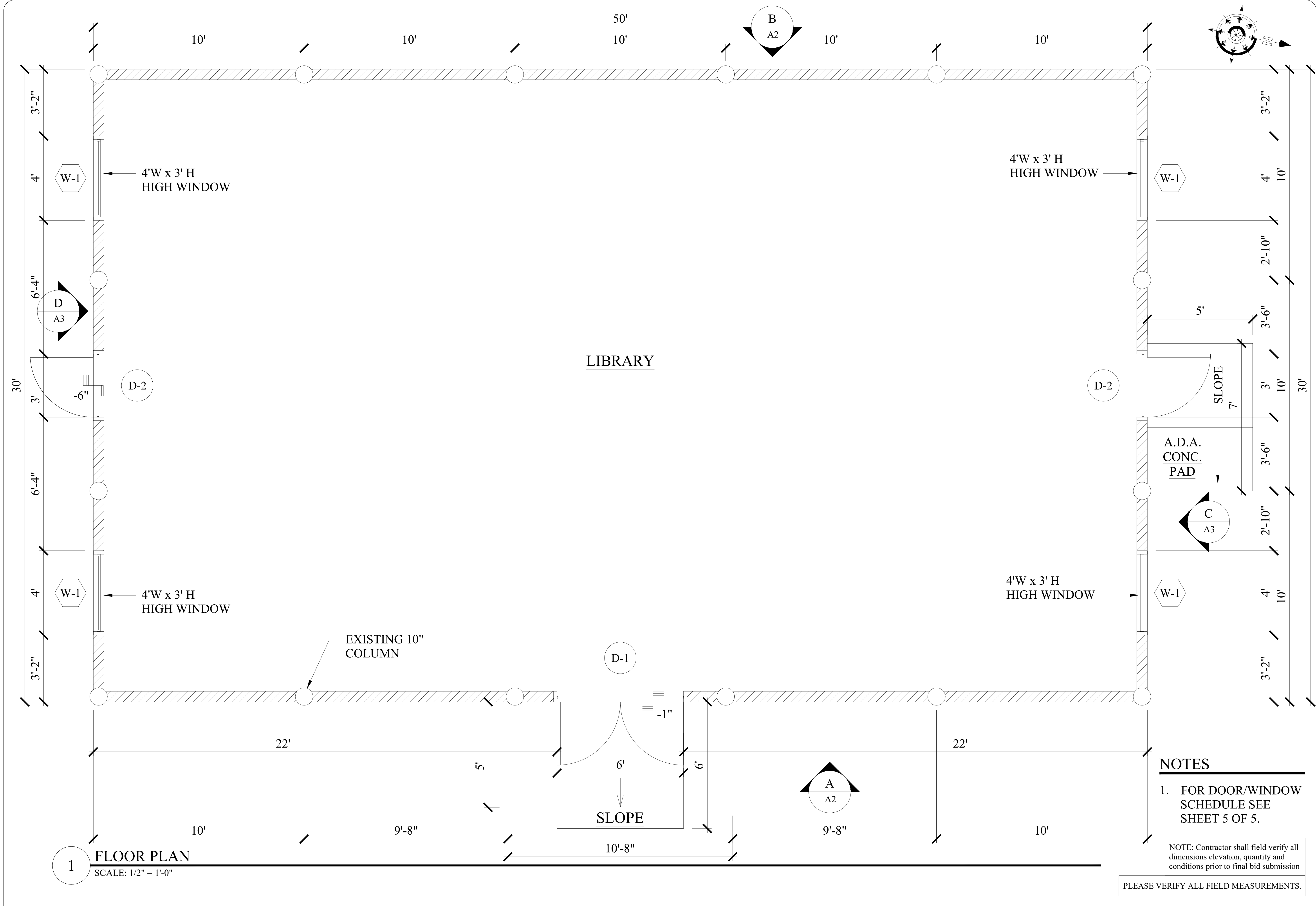
#### PROJECT TITLE

CENTRAL HIGH SCHOOL  
PROPOSED TEMPORARY LIBRARY  
5A-B VICORP EST., C'STED.  
RR #2 KINGSHILL 00850  
ST. CROIX, U.S.V.I.

#### CLIENT INFORMATION

DEPARTMENT OF EDUCATION  
DIVISION OF MAINTENANCE  
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CHRISTIANSTED, ST. CROIX.  
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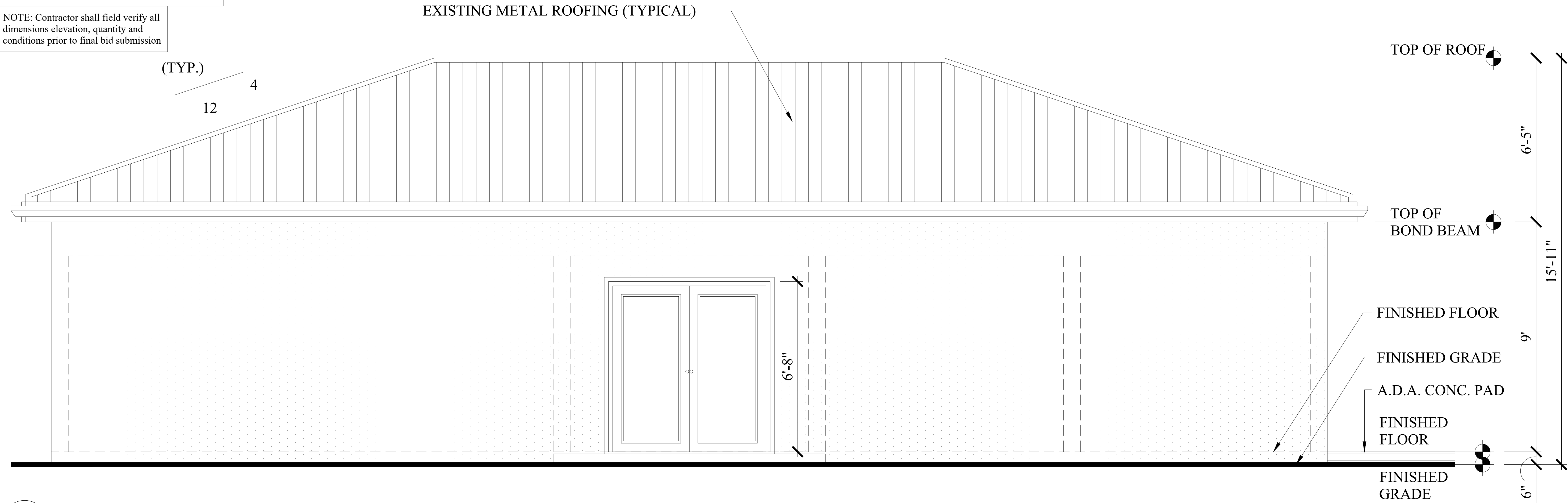
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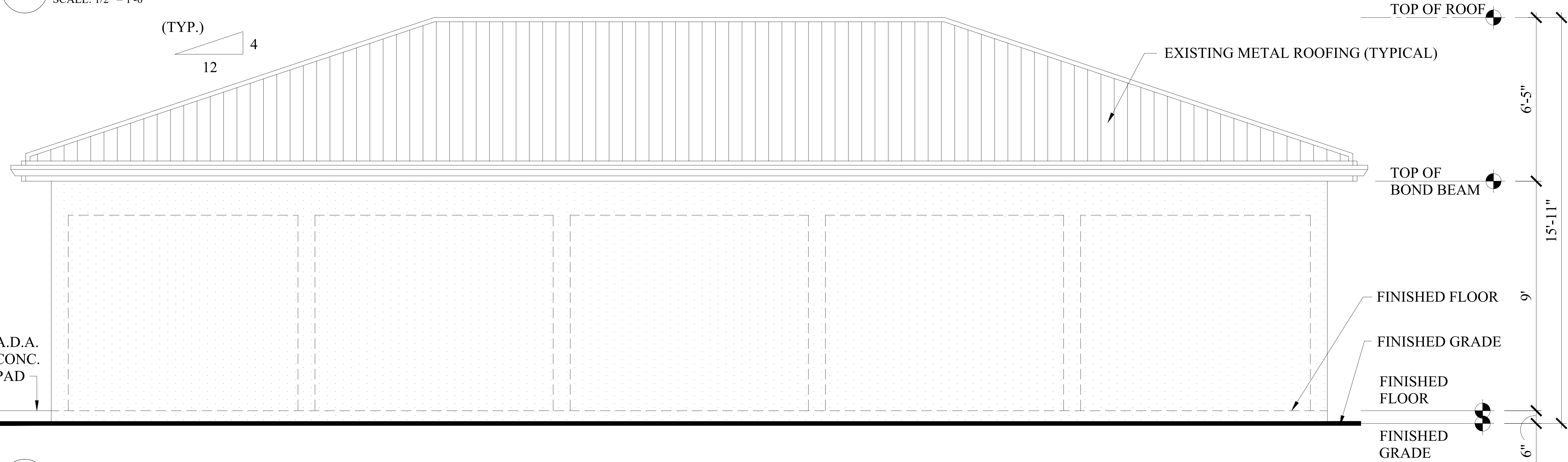


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A FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



B REAR ELEVATION  
SCALE: 1/2" = 1'-0"

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NOTES

1. FOR DOOR/WINDOW SCHEDULE SEE SHEET 5 OF 5.

EXISTING METAL ROOFING (TYPICAL)

(TYP.)  
4  
12

TOP OF ROOF

TOP OF  
BOND BEAM

TOP OF  
BOND BEAM

FINISHED FLOOR

FINISHED GRADE

FINISHED  
FLOOR

FINISHED  
GRADE

FINISHED FLOOR

FINISHED GRADE

A.D.A. CONC. PAD

LEFT SIDE ELEVATION

SCALE: 1/2" = 1'-0"

EXISTING METAL ROOFING (TYPICAL)

(TYP.)  
4  
12

TOP OF ROOF

TOP OF  
BOND BEAM

TOP OF  
BOND BEAM

FINISHED FLOOR

FINISHED GRADE

FINISHED FLOOR

FINISHED GRADE

FINISHED FLOOR

FINISHED GRADE

RIGHT SIDE ELEVATION

SCALE: 1/2" = 1'-0"

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DOOR SCHEDULE			
TAG	SIZE (WxH)	DESCRIPTION	REMARKS
D-1	6'-0" x 6'-8"	COMMERCIAL GRADE 18 GUAGE, WITH COMMERCIAL HARDWARE	6'-4" x 6'-10" MASONRY OPENING
D-2	3'-0" x 6'-8"	COMMERCIAL GRADE 18 GUAGE, WITH COMMERCIAL HARDWARE	3'-4" x 6'-10" MASONRY OPENING

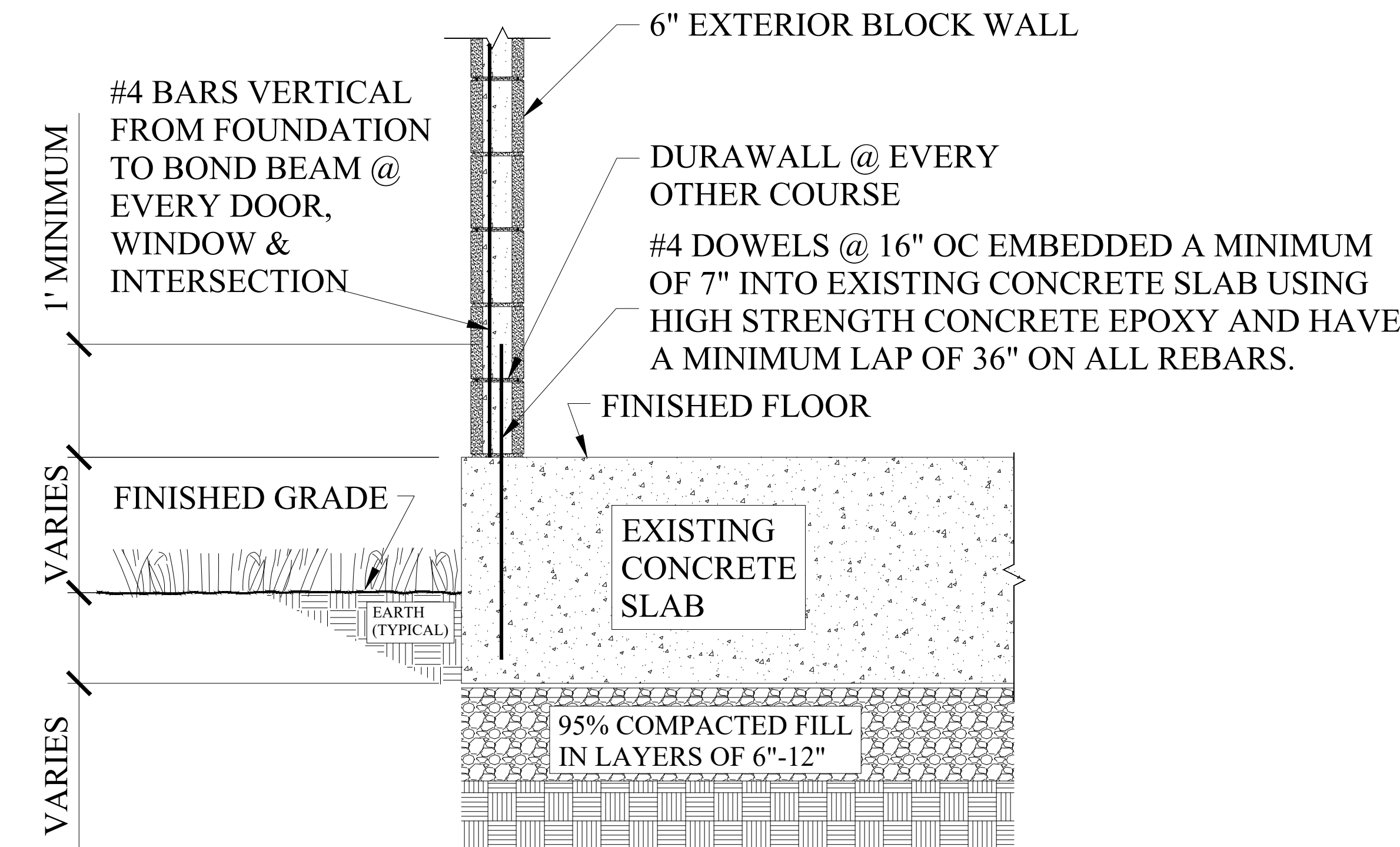
WINDOW SCHEDULE			
TAG	SIZE (WxH)	DESCRIPTION	REMARKS
W-1	4'-0" x 3'-0"	ALUMINUM FRAME WITH IMPACT GLASS	HIGH WINDOWS

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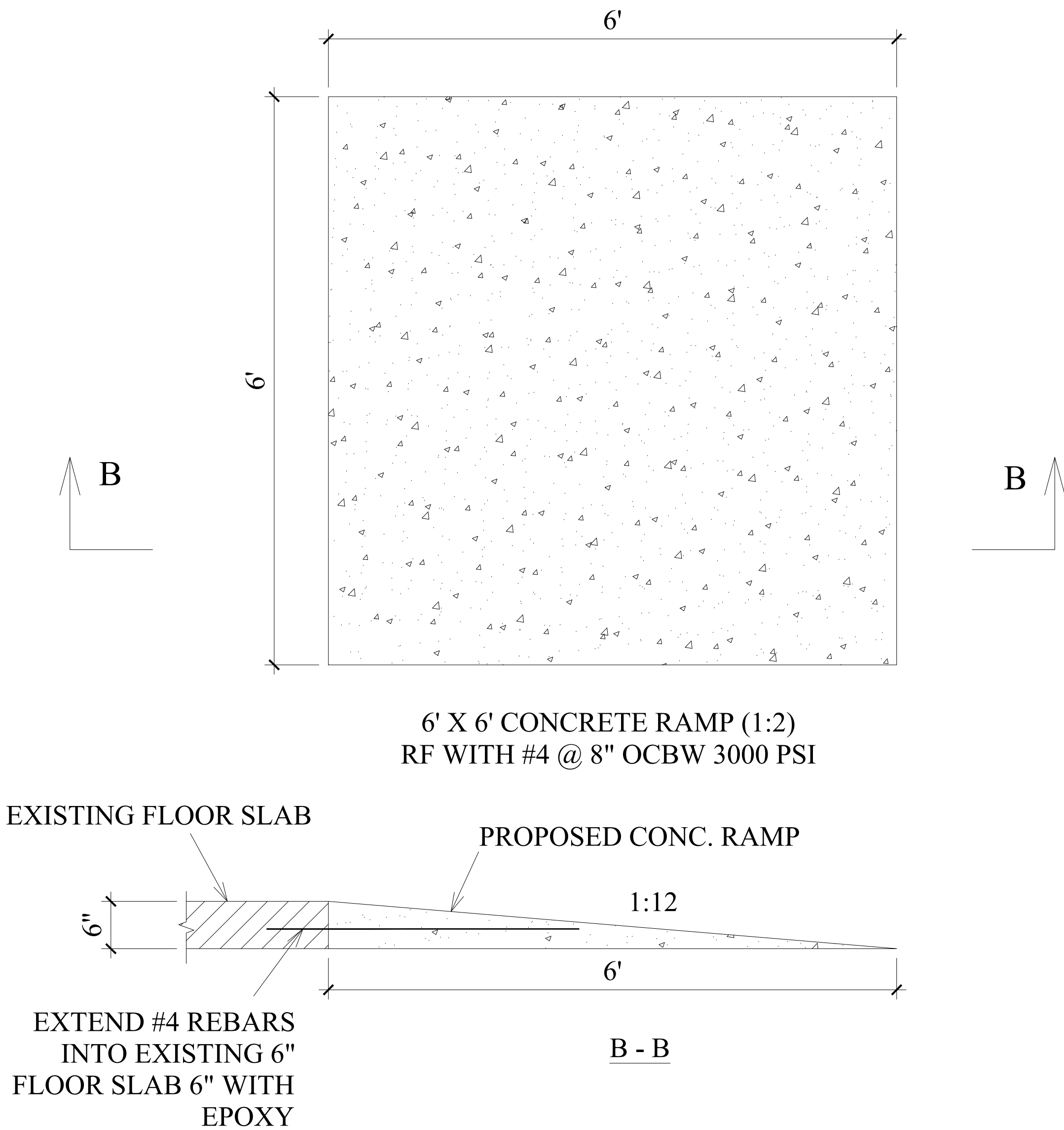
CONSTRUCTION NOTES  
(ALL SHEETS)

1. ALL EXTERIOR WOOD AND TRIM SHALL BE WOLMANIZED TREATED.
2. ALL WINDOW AND DOOR HEAD HEIGHTS SHALL BE 6'-8" (U.O.N.) ABOVE FINISHED FLOOR. ALL
3. 5/8" INTERIOR & 7/8" EXTERIOR FOR PLASTER FINISHES.



A EXISTING FOOTING AND PROPOSED WALL DETAIL  
SCALE: 1" = 1'-0"

FINISH SCHEDULE							
NUM	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CABINET	COMMENTS
-	LIBRARY	VINYL TILES WITH COVE BASE	-	PAINT	PAINT	-	-
-	-	-	-	-	-	-	-



B LANDING DETAIL  
SCALE: 1" = 1'-0"

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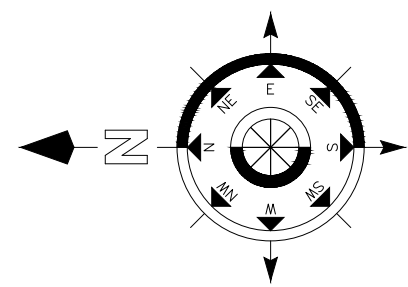
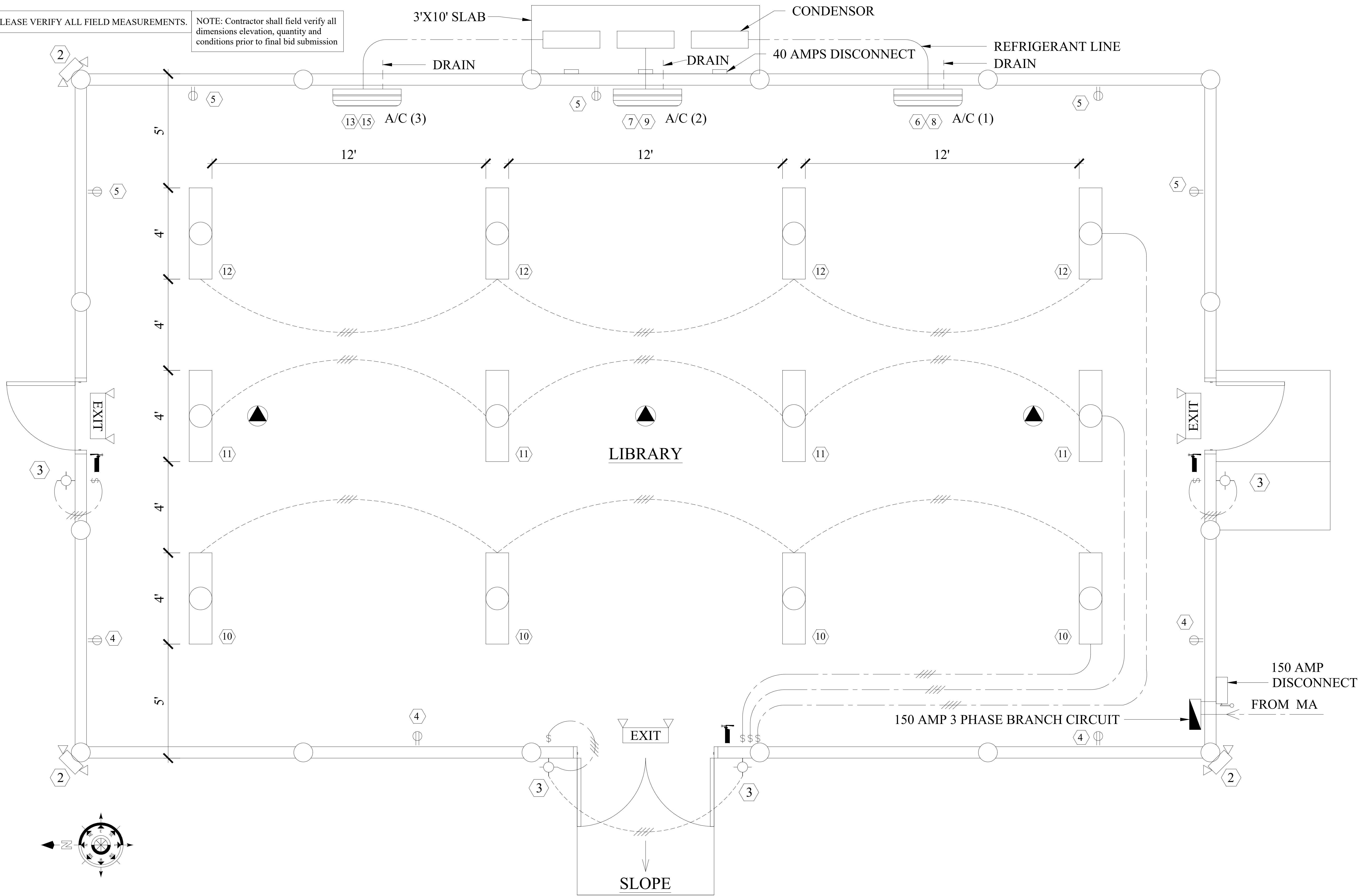
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1

# ELECTRICAL FLOOR PLAN

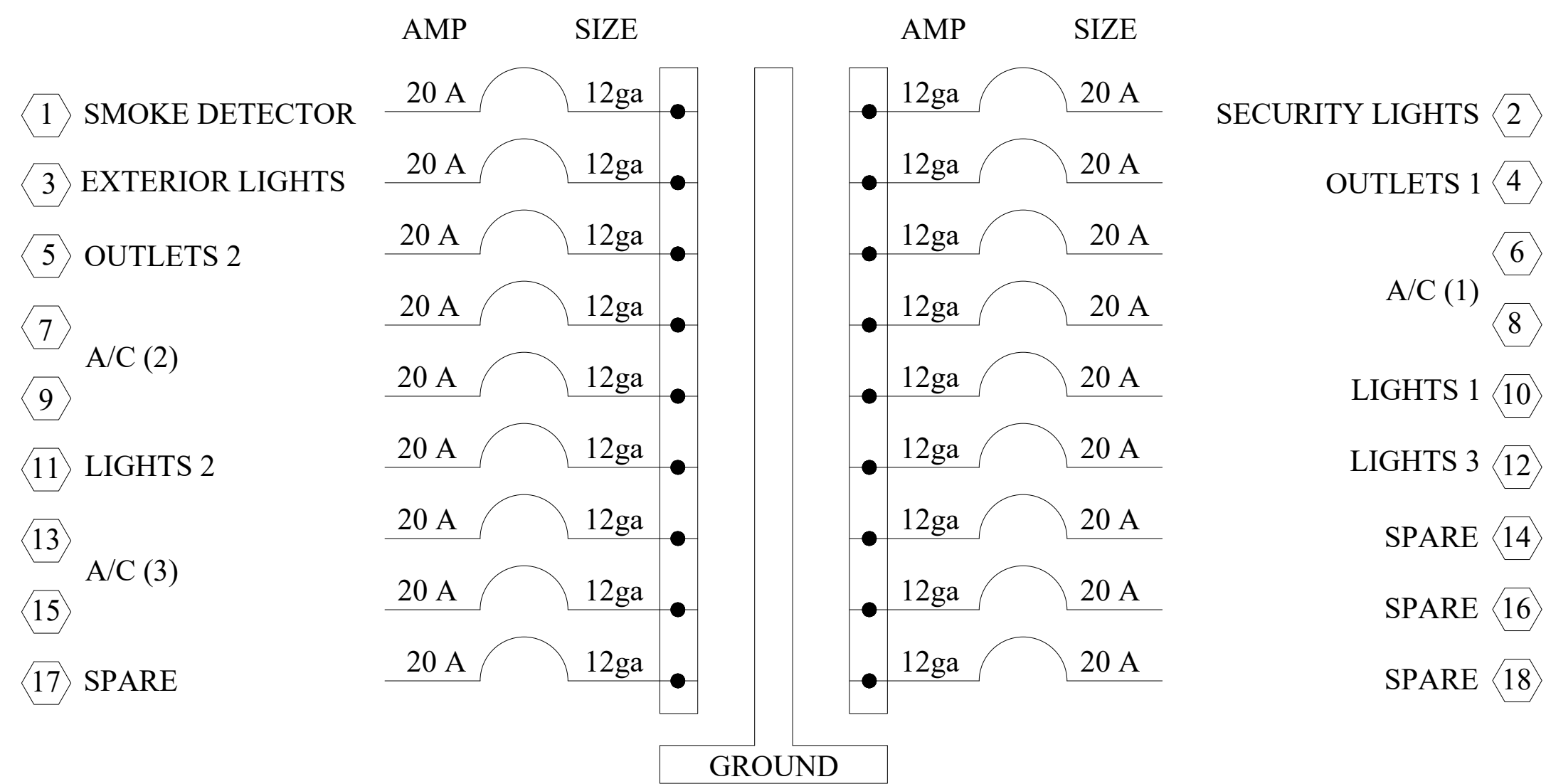
SCALE: 1/2" = 1'-0"

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**A** ELECTRICAL PANEL LOAD DISTRIBUTION CENTER - 1  
150 AMPERE CIRCUIT BREAKER PANEL 120 / 240 VOLTS 3 PHASE

GENERAL LIGHTING - 1500 A² X 3VA/FT	= 4,500VA
A/C - 2 X 240V X 15A	= 10,800VA
RECEPTACLE LOAD - 9 X 180VA	= 1,620VA
TOTAL	= 16,920VA

$$I = 16920/240 = 70.5A$$

## ELECTRICAL LEGEND

(ALL SHEETS)

	110 VOLT DUPLEX OUTLET
	COUNTERTOP OUTLET
	220 VOLT OUTLET
	SINGLE POLE SWITCH
	3WAYS SWITCH
	TELEPHONE JACK
	TELEVISION JACK
	SMOKE DETECTOR
	(INTERCONNECTED & HARD WIRED) SECURITY SPOTLIGHT
	LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	PRIMARY WIRING (3 WIRE/ GROUND)
	SLAVE WIRING

	CIRCUIT TAG & NUMBER
	GFCI
	WP
	FLUORESCENT LIGHT
	ELECTRICAL PANEL
	5 TON SPLIT A.C. (3 PHASE)
	FIRE EXTINGUISHER
	FIREMAN SWITCH

## ELECTRICAL NOTES

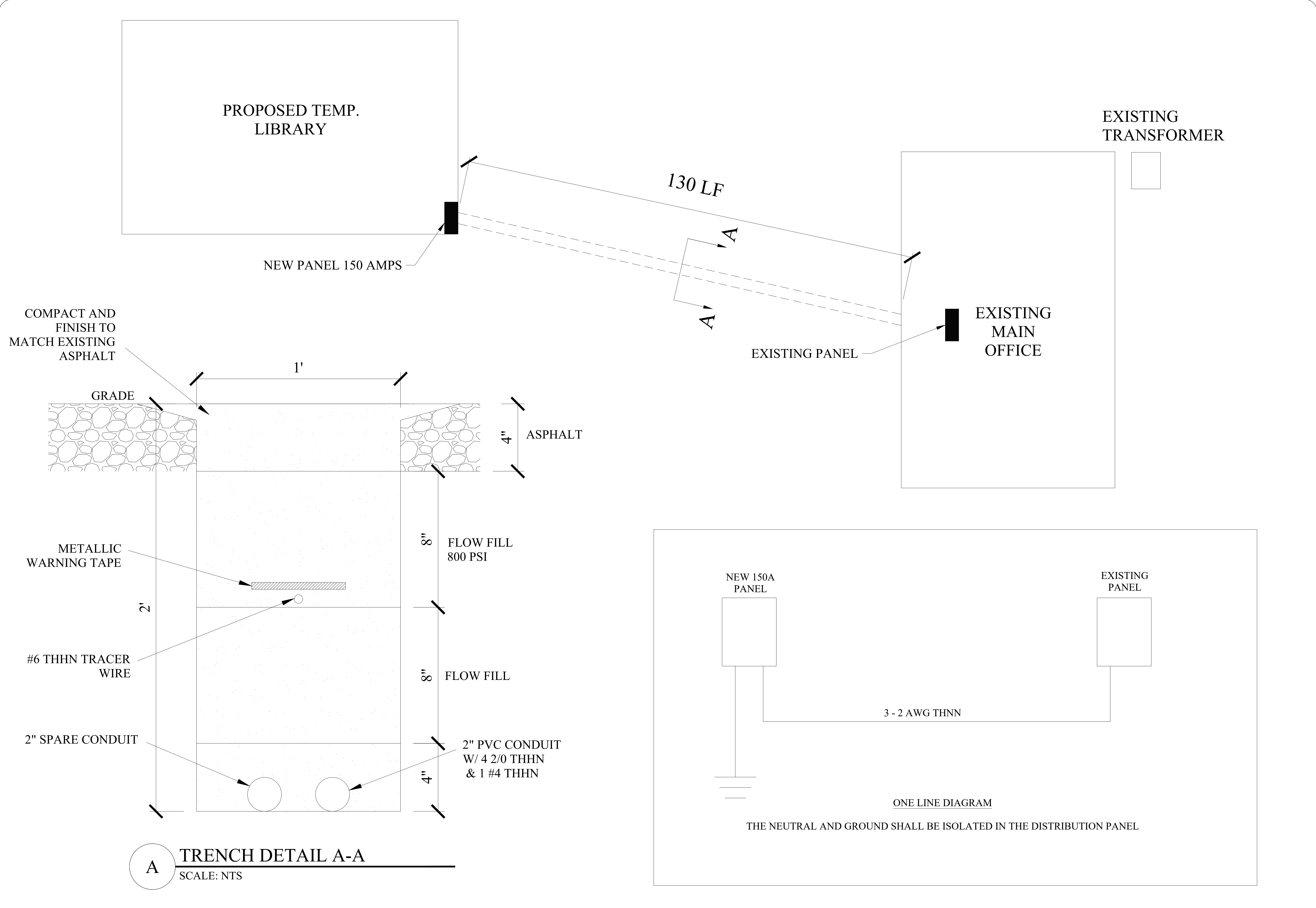
- ALL THE ELECTRICAL WORKS SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE LATE EDISON OF THE N.E.C.
- THE ELECTRICIAN SHALL OBTAIN ALL PERMITS AND PAY FEES RELATED TO HIS WORK. ALL WIRING SHALL BE #12 COPPER OR LARGER.
- ALUMINUM WIRING NOT ACCEPTABLE.
- RECEPTACLES OUTLETS IN HABITABLE ROOMS SHALL BE INSTALLED SO THAT NO POINT MEASURED HORIZONTALLY ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FT FROM A RECEPTACLE OUTLET. A RECEPTACLE SHALL BE INSTALLED IN EACH SPACE 2 FT OR MORE IN WIDTH.
- WIRE TYPE AWG IS PREFERRED, ALTHOUGH OTHERS ARE ACCEPTABLE.
- ALL WIRING SPLICES BE MADE USING 3M ELECTRICAL SPRING CONNECTOR OR EQUAL "TWIST-ONS" TO CORRECT SIZE. WIRE TAPED OR TWISTED OR NOT ACCEPTABLE.
- ALL CONDUITS INSTALLED IN CONCRETE OR MASONRY SHALL BE RIGID NON-METALLIC TYPE (P.V.C.) ALL OUTLETS AND SWITCH BOXES SHALL BE NON-METALIC TYPE.
- GROUNDING CONDUCTOR SHALL BE CONNECTED TO NEUTRAL CONNECTOR AT THE SERVICE ENTRANCE ONLY. CERTAIN EXCEPTIONS AS PERMITTED BY THE N.E.C. SHALL BE PERMITTED.
- ELECTRICAL SERVICE SHALL BE 120-240 VOLTS, SINGLE PHASE, 60 CYCLES, 3 WIRE CONNECTION. SERVICE SHALL BEGIN AT POINT OF ATTACHMENTS OF OVERHEAD SERVICE DROP CABLE.
- ELECTRICAL SYSTEM LAYOUT INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC AND LOCATION OF OUTLETS AND EQUIPMENT ARE APPROXIMATE; ROUTING RACEWAY AND LOCATION OF OUTLET AND EQUIPMENTS SHALL BE GOVERNED BY STRUCTURAL CONDITIONS AND OBSTRUCTIONS
- ALL BRANCH WIRING SHALL BE COPPER THHN SIZED FOR IT'S APPLICATION AND SHALL BE IN RIGID NON-METALLIC TYPE (P.V.C) CONDUIT.
- PROVIDE SURGE PROTECTOR @ PANEL BOX.
- ALL SMOKE DETECTORS `SHALL BE HARD WIRED AND INTERCONNECTED WITH BATTERY BACK-UP.
- GROUND FAULT INTERRUPT (GFI) RECEPTACLES SHALL BE USED FOR ALL KITCHEN AND BATHROOM RECEPTACLES OR RECEPTACLES WITHIN 60 INCHES ANY WATER SOURCES.
- ALL EXTERIOR ELECTRICAL FIXTURES OR RECEPTACLES SHALL BE WATERPROOF.

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YOU ARE HERE

EXIT

EXIT

EXIT

FIREMAN SWITCH

SLOPE

EMERGENCY LEGEND



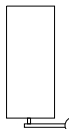
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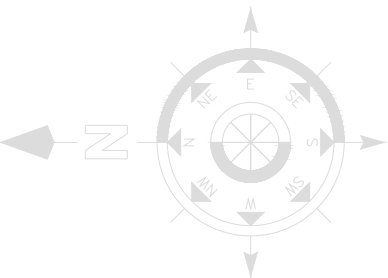
EXIT ROUTE



FIRE EXTINGUISHER



FIREMAN SWITCH



1

LIFE & SAFETY PLAN

SCALE: 1/2" = 1'-0"

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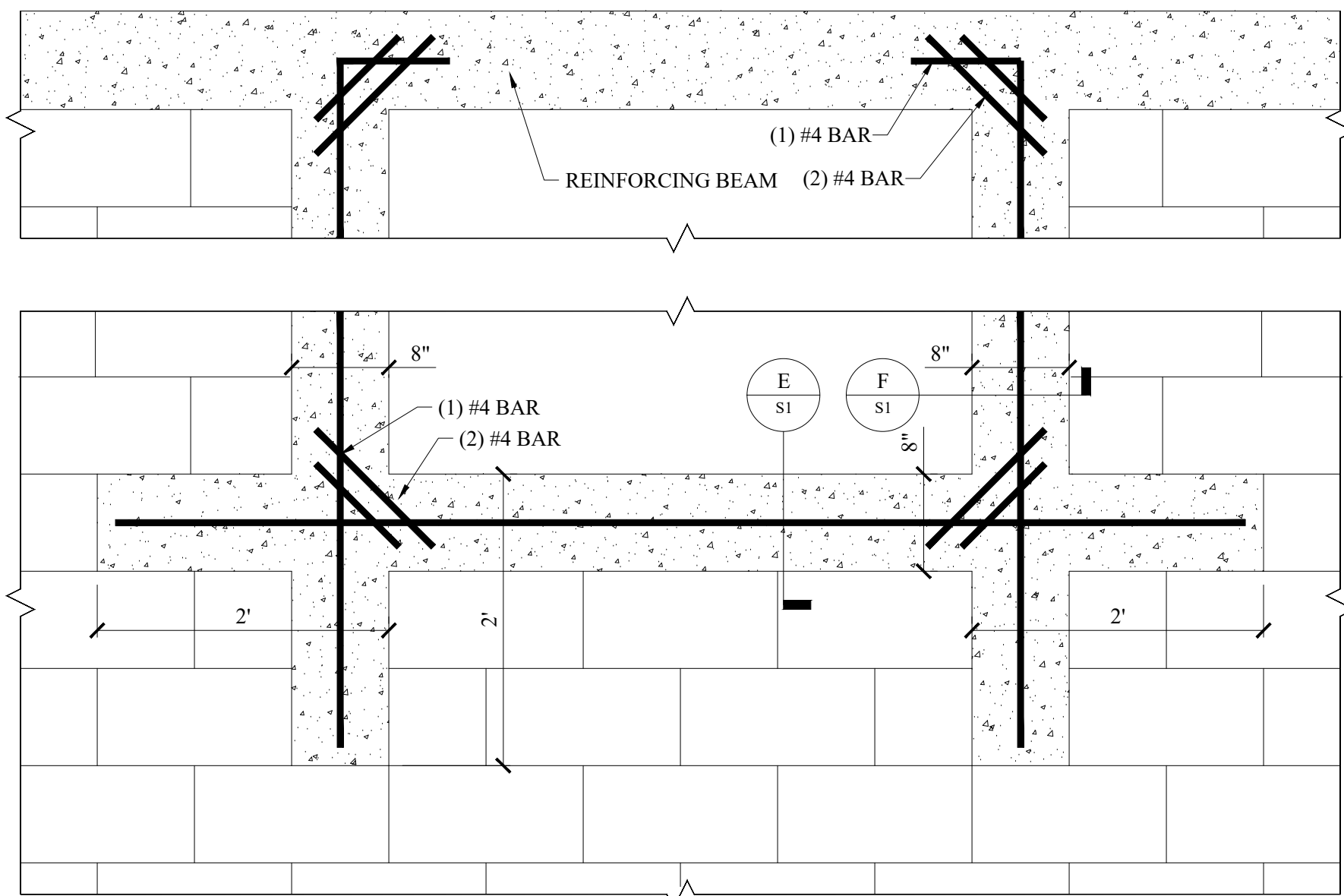
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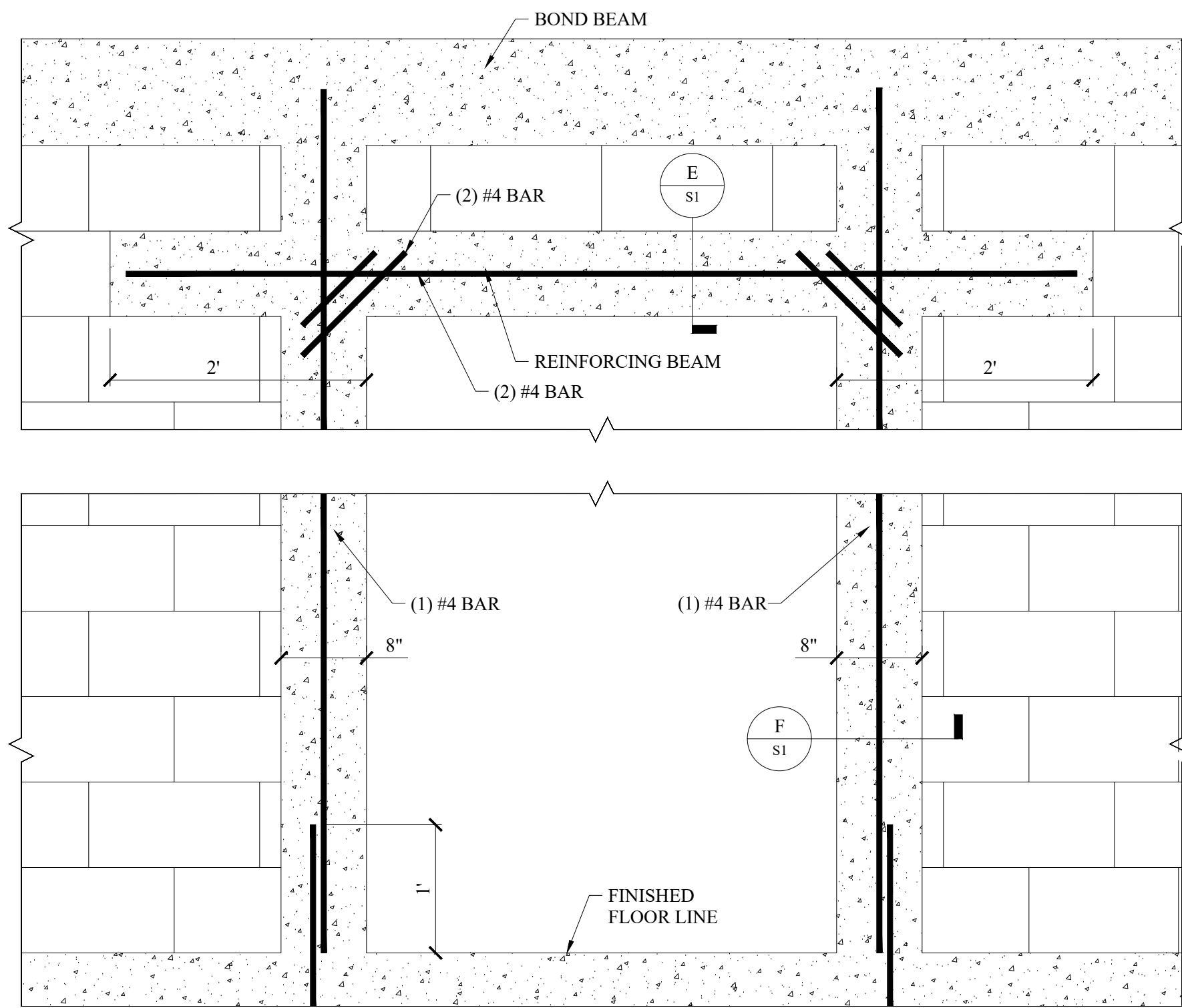
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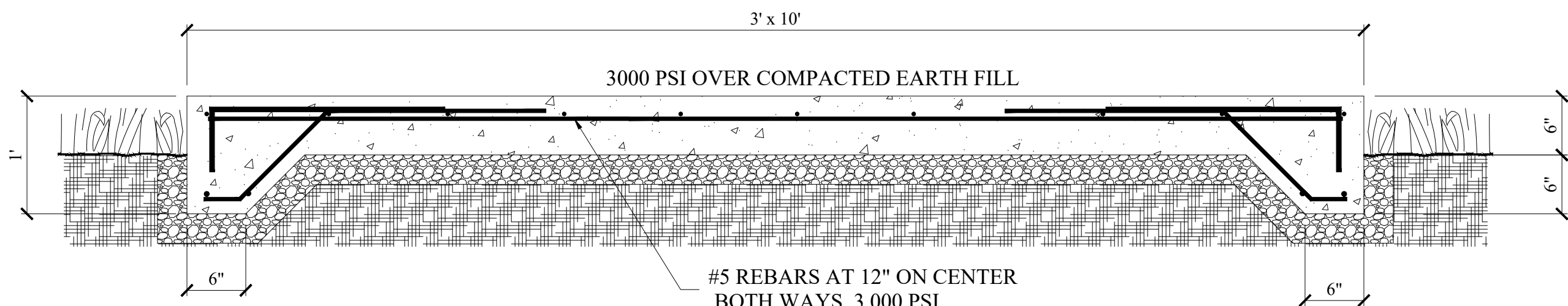


C TYPICAL WINDOW REINFORCEMENT DETAIL  
SCALE: 1" = 1'-0"

GENERAL NOTE: 5/8" INTERIOR PLASTER AND 7/8 EXTERIOR, USE CONCRETE PLASTER BEADS WHERE PLASTER MEETS EXISTING COLUMNS TO AVOID UNSIGHTLY CRACKS



D TYPICAL DOOR REINFORCEMENT DETAIL  
SCALE: 1" = 1'-0"



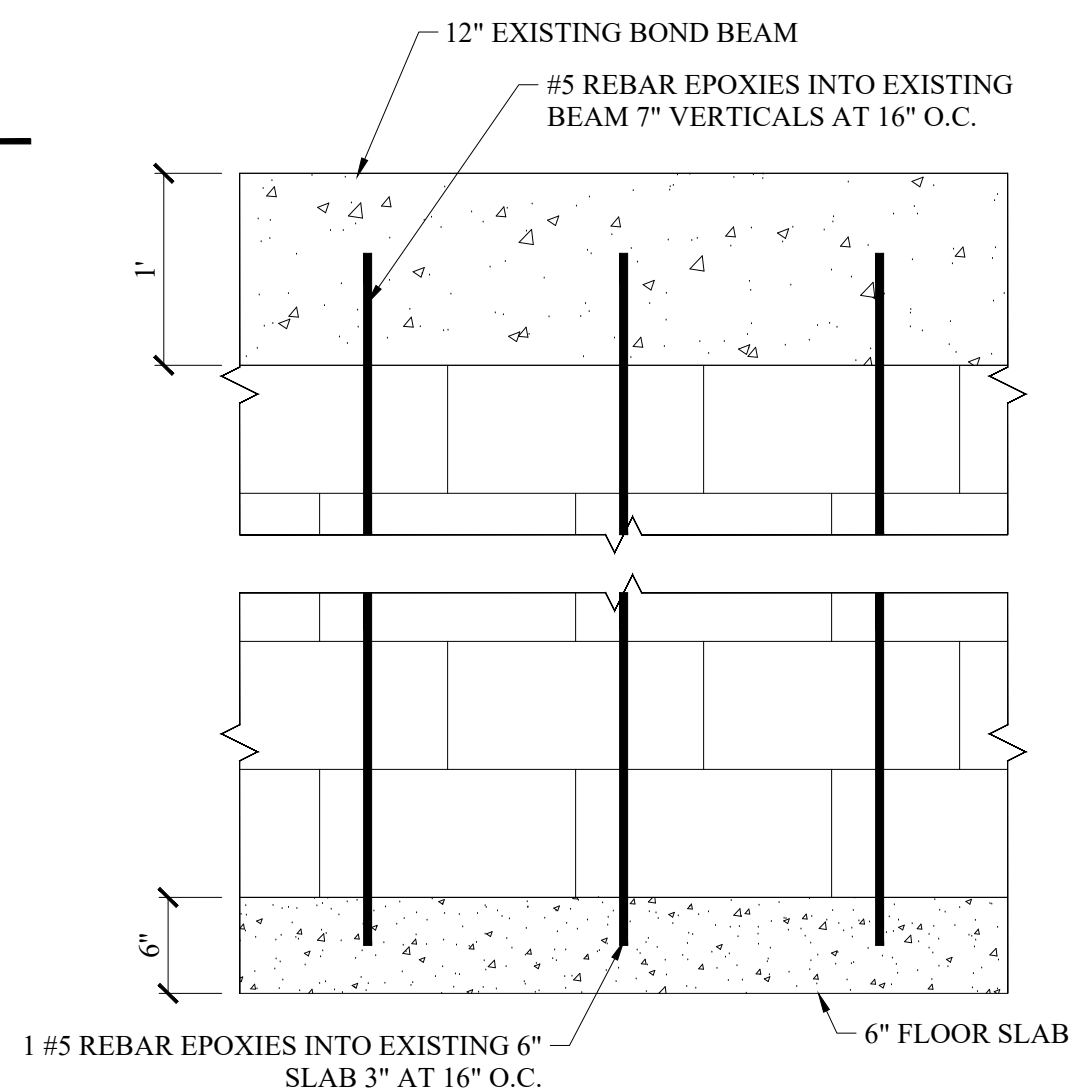
G DETAIL - 6" CONDENSOR SLAB  
SCALE: 1" = 1'-0"

#### CONCRETE MASONRY NOTES

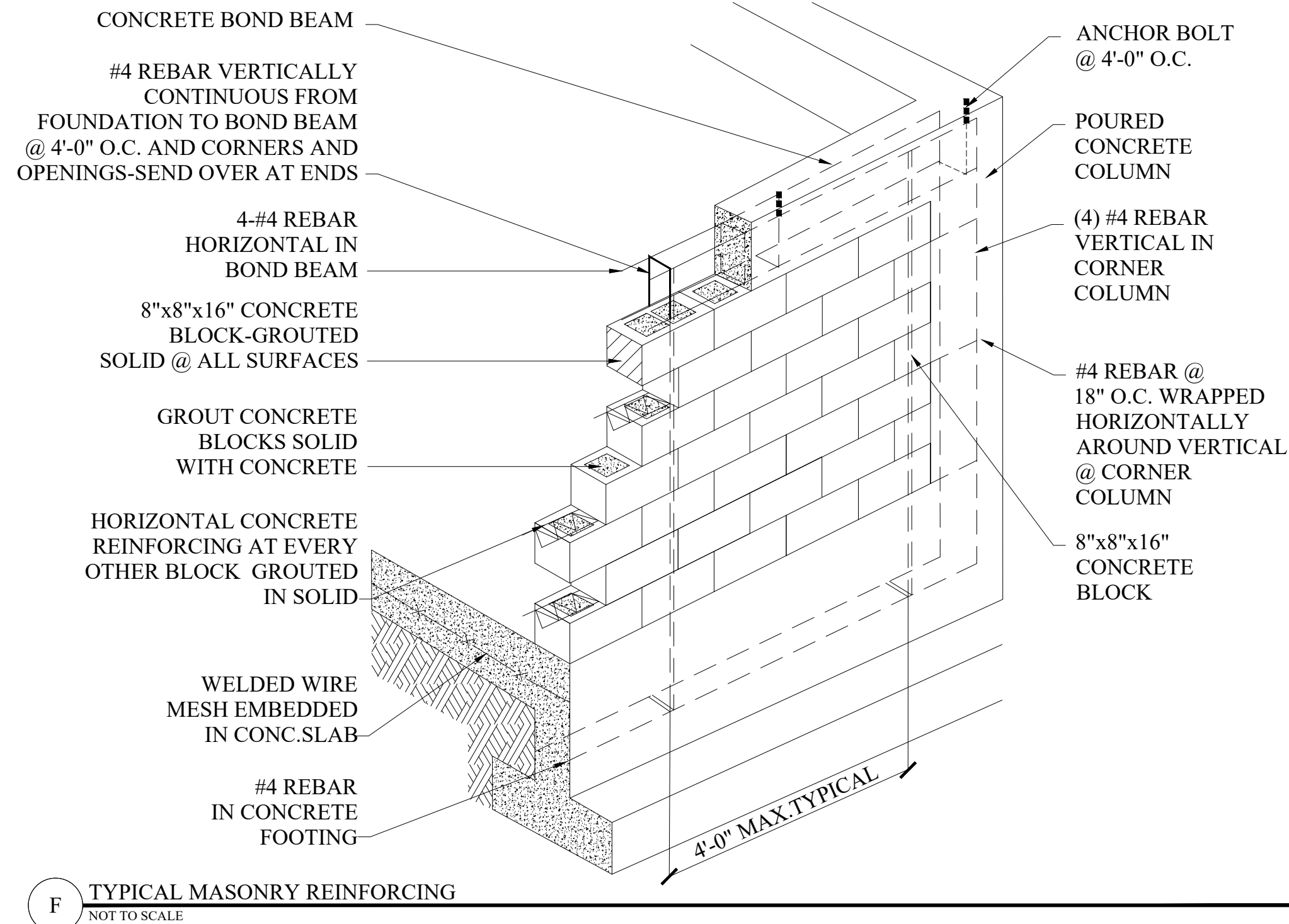
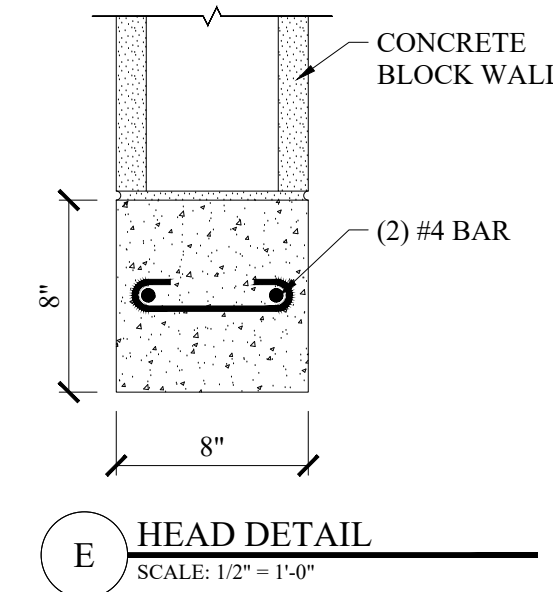
1. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO "HOLLOW LOAD-BEARING CONCRETE UNITS" ASTM C-90(LATEST EDITION).
2. CMU SHALL BE GRADE N-1. COMPRESSIVE STRENGTH SHALL BE 2500 PSI ON UNIT NET SECTION. SAMPLING AND TESTING SHALL BE IN ACCORDANCE WITH ASTM C140.
3. ALL 6" CMU WALLS SHALL BE REINFORCED WITH TRUSS TYPE HORIZONTAL MASONRY REINFORCEMENT AT EVERY COURSE AND VERTICALLY WITH #5 AT 32" O.C. OR #4 AT 16" O.C.
4. ALL WALL CORNERS SHALL BE MASONRY BONDED UNLESS NOTED OTHERWISE.
5. FULL MORTAR BEDDING SHALL BE PROVIDED FOR THE FIRST BLOCK COURSE ON TOP OF FOUNDATIONS.
6. INTERSECTING CMU WALLS SHALL BE TIED TOGETHER WITH METAL TIEBAR - 1 1/4" WIDE, 28" LONG AND 1/4" THICK WITH 2" RIGHT ANGLE BENDS AT EACH END. EMBED ENDS IN CORES FILLED WITH GROUT.
7. WATERSTOP SHALL BE SYNKO-FLEX PRE-FORMED PLASTIC ADHESIVE WATERSTOP; SYNKO-FLEX PRODUCTS, DIVISION OF HENRY COMPANY, HOUSTON, TX 77020 OR APPROVED EQUAL. (800) 231-4551, (713) 963-9403.
8. PROVIDE MASONRY LINTELS WHEREVER OPENINGS ARE MORE THAN 2'-0". LINTELS TO BE FORMED-IN-PLACE OR FOR HOLLOW CONCRETE MASONRY UNIT WALLS, USE SPECIALLY FORMED BOND BEAM UNITS WITH 2-#5 REINFORCEMENT BARS AND FILLED WITH GROUT. PROVIDE MINIMUM BEARING OF 8" AT EACH JAMB.
9. GROUT CMU CELLS WITH REBARS WITH 3,000 PSI CONCRETE.

#### STRUCTURAL NOTES

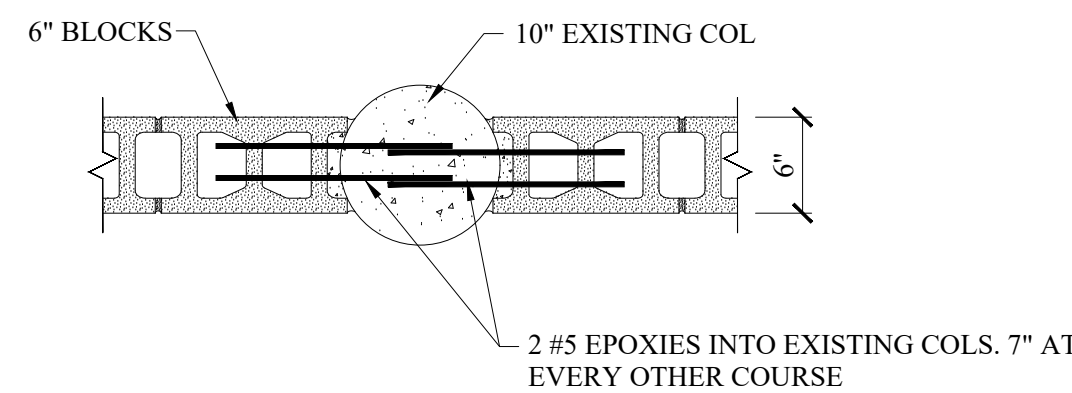
1. ALL CONCRETE SHALL DEVELOP A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
2. ALL REINFORCING STEEL BARS SHALL BE NEW BILLET DEFORMED HIGH STRENGTH GRADE STEEL CONFORMING TO ASTM A-615 LATEST EDITION ( $F_y = 60000$  PSI).
3. ALL REINFORCING WELDED WIRE MESH SHALL HAVE A MIN. YIELD STRENGTH OF 50,000 PSI.
4. LAP ALL SPLICES 36 BAR DIAMETERS (MIN).
5. ALL HORIZONTAL BARS IN BEAMS, WALLS AND FOUNDATION WALLS SHALL BE BENT 2'-0", MIN. BEYOND CORNERS.
6. DOWELS SHALL BE SAME SIZE AS WALL OR COLUMN VERTICAL REINFORCEMENT.
7. STEEL PROTECTION SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:  
A. SLABS AND WALLS: 1 1/2" BOT. AND 1" TOP  
B. BEAM: 1 1/2"  
C. SLABS AND BEAMS POURED AGAINST EARTH: 3"
8. ALL OPENINGS IN CONCRETE WALLS AND SLABS SHALL BE REINFORCED AROUND WITH 2 #5 PLACED 2" FROM THE FACE AND EXTENDING 2'-0" BEYOND THE CORNERS.



I TYPICAL WALL VERTICAL REINFORCEMENT DETAIL  
SCALE: 1" = 1'-0"



F TYPICAL MASONRY REINFORCING  
NOT TO SCALE



H TYPICAL WALL HORIZONTAL REINFORCEMENT DETAIL  
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